jpt

Journal of Paint Technology

Annual Index

1975

Volume 47
Numbers 600-611
January thru December, 1975

Journal of Paint Technology
1975 Annual Index

Key Word Index

A

Abrasion resistance ..... 63—Jul.
Accelerated testing ..... 37—Jun., 50—Dec.
Acid/base concept ..... 31—Mar.
Acid-ester ..... 40—Mar.
Acids ..... 40—Mar.
Acrylates ..... 46—Feb.
Acrylic acid ..... 77—May
Acrylic lacquers ..... 79—Oct.
Acrylic powder coatings ..... 79—Oct.
Acrylic resins ..... 46—Feb.
Adhesion ..... 43—Jul.
Adhesion tension ..... 43—Apr.
Adhesives ..... 40—Jan.
Alkali resistance ..... 25—Feb.
Alkyd ..... 52—Mar.
Alkyd finishes, drying time ..... 56—Aug.
Aluminum flake orientation ..... 79—Oct.
Aluminum primers ..... 48—Jan.
Analysis ..... 46—Feb., 84—May
Analysis of solvent blends ..... 49—Jul.
Anchimeric effect ..... 40—Mar.
Anhydride ..... 40—Mar.
Anti-fouling coatings ..... 54—Jan., 62—Jan.
Anti-fouling materials ..... 59—Jan.
Anti-fouling paints ..... 48—Jan., 75—Sept.
Aqueous coatings ..... 50—Apr.
Aqueous industrial finishes ..... 54—Jul.
Artificial Weathering ..... 52—Mar., 50—Dec.
Atomic absorption ..... 84—May
Aureobasidium pullulans ..... 39—Dec.
Autoxidation ..... 36—Feb.

B

Benzene ..... 61—Jun.
Binary solvent blends ..... 70—Oct.
Binder index (BI) ..... 60—Mar.
Biocide ..... 62—Jan.
Bis(tri-n-butyltin) oxide ..... 54—Jan.
Bonding strength ..... 40—Jan.

C

Capillarity ..... 43—Jul.
Carboxylated latex ..... 77—May
Cargo/ballast tank lining ..... 43—Jan.
Canvas ..... 39—Dec.
Castor Oil ..... 25—Feb.
Categories ..... 68—Dec.
Cathodic disbonding test ..... 57—May
Cathodic protection ..... 57—May
Centrifuging ..... 35—May
Chaetomium globosum ..... 39—Dec.
Charge-decay ..... 65—May
Chlorinated rubber ..... 48—Jan., 52—Mar.
Chrome yellows ..... 75—Jul.
Classified definitions ..... 68—Dec.
Coating failure analysis ..... 37—Jun.
Coatings ..... 40—Jan., 41—Feb., 71—Apr., 68—Dec.
Coatings, antifouling ..... 59—Jan.
Cohesion ..... 43—Jul.
Cold table ..... 71—Apr.
Color ..... 68—Dec.
Colorimeter ..... 79—Oct.
Computers ..... 54—Apr.
Condensation polymerization ..... 65—Apr.
Contact angle ..... 43—Jul.
Contamination ..... 50—Apr.
Copolymers ..... 41—Feb.
Corrodescope ..... 37—Jun.
Corrosion ..... 69—Jun.
Corrosion protection ..... 75—Sept.
Coulter counter ..... 35—May
Counting techniques ..... 47—Mar.
CPVC ..... 60—Mar.
Cratering ..... 54—Jul.
Crosslinked acrylic coatings ..... 65—Apr.
Crude oil tank lining ..... 43—Jan.
Curing ..... 57—Jul.
Curing rates ..... 40—Jan.
Cyclic humidity cabinet ..... 80—Jul.

D

Data comparison ..... 35—May
Data handling ..... 54—Apr., 35—May
Definitions ..... 68—Dec.
Detergent resistance ..... 57—Jul.
Dew-cycle ..... 54—Dec.
Dictionary ..... 68—Dec.
Diffusion of solvents ..... 70—Oct.
Dioxazol-2-ones ..... 65—Apr.
Disbonding of coatings ..... 57—May
Dispersion ..... 43—Apr.
Double-photon absorption ..... 43—Oct.
Drying rate ..... 56—Aug.
Dye lasers ..... 43—Oct.

E

Economy ..... 62—Jan.
Effects-materials ..... 57—Oct.
Electrochemical corrosion testing ..... 69—Jun.
Electrocoating ..... 57—Jul.
Electrodesposition ..... 43—Jun., 65—Sept.

Electrolytic immersion ... 69–Jun.
Electron microscopes ... 35–May
Electrostatic spray ... 65–May
Elongation ... 63–Jul.
Epoxidation ... 41–Feb.
Epoxidized linseed oil ... 41–Feb.
Epoxidized oils ... 25–Feb.
Epoxy/polyamine ... 52–Mar.
ESCA ... 57–Jul.
Ester ... 40–Mar.
Evaporation rates ... 70–Oct.
Exposure chambers ... 57–Oct.
Exterior trade sales ... 75–Jul.

F

Ferrous metal ... 80–Jul.
Film heating ... 43–Jun.
Film rupture ... 43–Jun.
Films ... 41–Feb.
Filtration ... 35–May
Flammability of plastics ... 31–Aug.
Flame-retardant coatings ... 31–Aug.
Flash rust ... 80–Jul.
Flow ultramicroscope ... 35–May
Formulation of latex paints ... 60–Mar.
Fouling ... 59–Jan.
Fouling prevention method ... 62–Jan.
Fractional creaming ... 35–May
Free films ... 63–Jul.
Frequency mixing ... 43–Oct.
Fungicides ... 39–Dec.

G

Galvanic substrate effect ... 69–Jun.
Gas chromatography ... 46–Feb., 61–Jun., 49–Jul.
Gel permeation chromatography ... 65–Sept.
Gloss ... 77–May
Gloss factor ... 52–Mar.
Glycol loss ... 47–Mar.
Goniophotometry ... 52–Mar.
Graphical analysis ... 63–Jul.

H

Hiding power ... 33–Apr.
High build coating ... 62–Jan.
High solids coatings ... 37–Aug.
High solids vs. water ... 37–Aug.
High-speed mill ... 43–Apr.
Holographic interferometry ... 43–Oct.
Holographic media ... 43–Oct.
Humidity ... 54–Dec.
Hydrocarbons ... 54–Apr.
Hydrogen bonding parameter ... 45–Aug.
Hydrolysis resistance ... 40–Mar.
Hydrophilic topcoat ... 62–Jan.
Hydroxy alkyl methacrylates ... 46–Feb.
Hydroxy alkyl acrylates ... 46–Feb.
Hydroxybutadiene ... 41–Feb.
Hydroxy-ester ... 40–Mar.

I

Iminated latex ... 77–May
Impulse deposition ... 43–Jun.
Industrial finishes ... 75–Jul., 37–Aug.
Infestation ... 50–Apr.
Information retrieval ... 54–Apr.
Infrared spectroscopy ... 46–Feb., 57–Jul.
Inoculations ... 66–Jun.
Inorganic zinc coating ... 43–Jan.
Interfaces ... 43–Jul.
Interrupted current ... 43–Jun.
Intumescent coatings ... 31–Aug.
Isocyanate precursors ... 65–Apr.

K

Ketones ... 48–Jun.

L

Lasers ... 43–Oct.
Latex ... 77–May
Latex paints ... 47–Mar., 69–Jun., 60–Mar.
Latex polymers ... 80–Jul.
Lead ... 84–May
Lightfastness of organic pigments ... 64–Oct.
Light scattering ... 35–May
Linseed oil ... 36–Feb., 50–Aug., 71–Apr., 39–Dec.
Linseed oil finishes, drying time ... 56–Aug.
Liquid scintillation ... 47–Mar.
Low solvent emission ... 37–Aug.

M

Maleinization ... 25–Feb.
Marine paint testing station ... 75–Sept.
Marine paints ... 48–Jan., 75–Sept.
Marine primers ... 48–Jan.
Marine tank lining ... 43–Jan.
Mass spectrometry ... 61–Jun.
Measurement of HBP ... 45–Aug.
Measurement, particle size ... 35–May
Mechanical properties ... 63–Jul.
Melamine resins ... 25–Feb.
Metal acetylacetonates ... 36–Feb., 39–Dec.
Methacrylates ... 46–Feb.
Microbiological activity ... 50–Apr.
Micromerigraph ... 35–May
Micromeritics sedigraph ... 35–May
Microtone sectioning ... 79–Oct.
Microvoids ... 33–Apr
Minimum film-formation temperature ... 80–Jul.
Moisture permeation ... 57–Jun.
Molecular weight distribution ... 65–Sept.
Monsanto two-foot tunnel ... 31–Aug.
Multi-element trace analysis ... 71–May

N

n-Butyl acrylate ... 77–May
Needle gun ... 40–Jan.
Nitrocellulose thinners ... 48–Jun.
Nitrogen dioxide ... 57–Oct.
NMR spectroscopy ... 46–Feb.
N,N-bis (2-hydroxyethl-2-hydroxyethoxyacetamide ... 71–Sept.
Nonmercurials ... 66–Jun.
Nucleophile ... 40–Mar.

O

Oil absorption ... 43–Apr.
Oil-free alkyd ... 71–Sept.
Oligomers ... 37–Aug.

Optical microscopy ..... 35—May
Organic pigments ..... 64—Oct.
Organic yellow pigments ..... 75—Jul.
Organometallic polymers ..... 59—Jan.
Organotin ..... 54—Jan.
Organotin anti-fouling chemicals ..... 54—Jan.
Oxygen absorption ..... 36—Feb.
Oxygenated solvents ..... 49—Jul.
Ozone ..... 57—Oct.

P

Paint analysis ..... 71—May
Paint blistering ..... 50—Aug.
Paint degradation ..... 50—Aug.
Paints ..... 47—Oct., 25—Feb.
Particle shape ..... 35—May
Particle size ..... 33—Apr.
Particle size distribution ..... 35—May
Parts-per-million ..... 61—Jun.
Penicillium ..... 39—Dec.
Permeability ..... 69—Jun., 80—Jul.
Phenyl mercury ..... 66—Jun.
Photocuring ..... 43—Oct.
Photodegradation ..... 30—Feb.
Photodeposition ..... 43—Oct.
Photopolymerization ..... 43—Oct.
Photoprinting ..... 43—Oct.
Pigment-binder interaction ..... 77—May
Pigment/binder/solvent interaction ..... 31—Mar.
Pigment dispersibility ..... 56—Aug.
Pigmented microvoid coatings ..... 33—Apr.
Pigments ..... 50—Aug., 68—Dec.
Polymer/solvent interactions ..... 70—Oct.
Polyols ..... 40—Mar.
Polyurethane ..... 52—Mar.
Polyurethane coatings ..... 65—Apr.
Powder coatings ..... 65—Apr., 65—May, 81—Sept.
Preservatives ..... 66—Jun.
Printing inks ..... 68—Dec.
Pseudoplastic rheology ..... 54—Jul.
PVC organosol ..... 52—Mar.
Pyrolysis/GLC ..... 46—Feb.

R

Release of solvents from coatings ..... 70—Oct.
Replacement solvents ..... 48—Jun.
Resins ..... 41—Feb.
Resistor ..... 57—Jun.
Rule 66 ..... 48—Jun.
Rupture voltage ..... 43—Jun.
Rutile, titanium dioxide ..... 50—Aug.

S

Safe use of organotins ..... 54—Jan.
Sagging ..... 54—Jul.
Salt spray ..... 80—Jul.
Screening ..... 43—Apr.
Shipbottom coating ..... 43—Jan.
Sieving, sedimentation ..... 35—May
Smoke evolution ..... 31—Aug.
Soap titration ..... 35—May
Solubility parameter ..... 31—Mar.
Solvent retention ..... 70—Oct.
Solventless resins ..... 81—Sept.
Solvents ..... 54—Apr., 49—Jul., 45—Aug.
Splash tidal zone coating ..... 43—Jan.
Splash-zone compounds ..... 40—Jan.
Spreading ..... 43—Jul.
Stannic chloride pentahydrate ..... 25—Feb.
Statistical analyses ..... 57—Oct.
Statistics ..... 63—Jul.
Steric effect ..... 40—Mar.
Storage, low temperature ..... 56—Aug.
Structural plastics, antifouling ..... 59—Jan.
Styrene ..... 46—Feb.
Styrene-maleic anhydride ..... 41—Feb.
Sulfur dioxide ..... 57—Oct.
Surface coating ..... 25—Feb.
Surface potential ..... 65—May
Surface preparation ..... 40—Jan.
Surface roughness ..... 52—Mar.
Surface tension ..... 71—Apr., 43—Jul.

T

Tar paints ..... 48—Jan.
t-Butyl hydroperoxide ..... 36—Feb.
Temperature ..... 54—Dec.
Test device ..... 57—Jun.
Testing, through dry ..... 56—Aug.
Thermoplastic coatings ..... 70—Oct.
Thermoplastic urethane coatings ..... 65—Apr.
Thinners ..... 54—Apr.
Tinctorial strength ..... 43—Apr.
Titanium dioxide ..... 43—Apr.
Trace analysis ..... 61—Jun.
Tributyltin flouride ..... 54—Jan.
Triol ..... 71—Sept.
Triolamide 207 ..... 71—Sept.
Triphenyltin flouride ..... 54—Jan.

U

Ultracentrifuge ..... 35—May
Ultraviolet lasers ..... 43—Oct.
Underground steel structures protection ..... 57—May
Underwater paints ..... 48—Jan.
Unsupported films ..... 71—Apr.
Urethane ..... 63—Jul.
Urethane coatings ..... 30—Feb.
UV absorbers ..... 30—Feb.
UV absorption ..... 64—Oct.

V

Vinyl acetate ..... 77—May
Vinyl lacquer solvents ..... 48—Jun.
Viscosity ..... 71—Apr., 36—Feb.

W

Water-borne coating ..... 71—Sept.
Water-dispersible resins ..... 40—Mar.
Water vapor transmission ..... 80—Jul.
Weathering ..... 64—Oct.
Weather-Ometer ..... 54—Dec.
Weibull distribution ..... 63—Jul.
Wetting ..... 43—Jul.
Wetting agents ..... 43—Apr.

X

X-ray flourescence ..... 71—May

Z

Zinc oxide ..... 50—Aug.

Alphabetical Listing of Papers

A

Analysis of Solvent Blends Using Modified Liquid Chromatographic Separations and Subsequent Gas-Liquid Chromatography—M. F. Dante, Jul., p. 49.

Analysis of Thermosetting Acrylic Resins: Cooperative Study—L. A. O'Neill and G. Christensen, Feb., p. 46.

Application of Acid/Base Concept Describing Interaction Between Pigments, Binders, and Solvents—P. Sorenson, Mar., p. 31.

Application of the Weibull Distribution Function in the Coatings Industry—II. Plotting the Weibull Distribution—H. E. Hill, Jul., p. 63.

B

Blister Resistance of Linseed Oil Paints from Treated Pigments—R. L. Eissler, Aug., P. 50.

C

Calculation of Absorption of UV Radiation by Photosensitizers in Pigmented UV-Curing Coatings—Z. W. Wicks, Jr., and W. H. Kuhhirt, Nov., p. 49.

Case of Long-Life Anti-Foulings—A. M. van Londen, S. Johnsen, and G. J. Govers, Jan., p. 62.

Charge-Decay from Electrostatically Charged Powders—A. Golovoy and A. D. Colvin, May, P. 65.

Chlorinated Rubber Marine Coatings: Performance Tests, Including Anti-Foulings and Blends of CR with Tar —P A. Herbert, D. F. Bowerman, and K. S. Ford, Jan., p. 48.

Coatings from Partially Epoxidized Linseed Oil With Hydroxybutadiene and Styrene-Maleic Anhydride Resins —T. H. Khoe and L. E. Gast, Feb., p. 41.

Cold Storage of Drying Standards — Southern Society for Coatings Technology, Aug., p. 56.

Cold Table for Film Preparation—J. A. Stolp, R. L. Eissler and L. H. Princen, Apr., p. 71.

Comparison of Reflectance and Related Methods for Studies of Film Surface Deterioration. IV. Artificial Weathering—M. Tahan, R. Malloy, and B. J. Tighe, Mar., p. 52.

Cratering and Sagging in High Gloss Aqueous Industrial Finishes—F J. Hahn and S. Steinhauer, Jul. p. 54.

Current Interruption Method of Electrodepositing Paints—W. B. Brown, Jun. p. 43.

D

Determination of Benzene in Coatings Materials at the Parts-Per-Million Level—D. Anderson and J. Duffer, Jun. p. 61.

Determination of Low Concentrations of Lead in Paint by Atomic Absorption Spectroscopy—J. T. Vandeberg, H. D. Swafford, and R. W. Scott, May, p. 84.

Determination of the Relationship Between Cure Schedule and Detergent Resistance in Anionic Electrocoat Films—D. G. Anderson, E. J. Murphy, and W. R. Schmehr, Jul., p. 57.

Dew-Cycle Weather-Ometer Reevaluated — A Literature Review—F. B. Stieg, Dec., p. 54.

E

Effect of Internal UV Absorbers on Photodegradation of Urethane Coatings—P. L. Nielsen and Z. W. Wicks, Jr., Feb., p. 30.

Effective Information System for Hydrocarbon Solvent Data—P. L. Goff, Apr., p. 54.

Effects of Gaseous Pollutants on Paints: A Chamber Study —J. W. Spence, F. Haynie, and J. B. Upham, Oct., p. 57.

Effects of Organotin Anti-Fouling Coatings on Man and His Environment—A. W. Sheldon, Jan., p. 54.

Electrochemical Profiles on Bare Metal and Coated Steel Specimens—M. T. Hepworth, K. J. Bhansali, and J. Cinkler, Jun., p. 37.

Evaluation of Method to Determine Microbiological Activity—Philadelphia Society for Coatings Technology, Apr., p. 50.

F

Film Formation of Latexes—M. S. El-Aasser and A. A. Robertson, Dec., p. 50.

Flame Retardant Coatngs for Plastics—R. Slysh, Aug., p. 31.

Further Studies of Nonmercurial Film Preservatives in Can Stability—Kansas City Society for Coatings Technology, Jun., p. 66.

G

Gel Permeation Chromatography Techniques for Electrodeposition Paint Analysis—W. B. Brown and E. L. White, Sept., p. 65.

H

Handling Asbestos — Chrysotile Asbestos in Plastics—J. L. Myers, Dec., p. 63.

High Solids Coatings for Low Emission Industrial Finishing—A. Mercurio and S. N. Lewis, Aug., p. 37.

High-Speed Dispersion Problems and Titanium Pigment—F. B. Stieg, Apr., p. 43.

Hydrolysis of Water Dispersible Resins—E. T. Turpin, Mar., p. 40.

Human Knowledge, the Legalistic Mentality and National Survival—D. M. Alstadt, Nov., p. 31.

I

Improved Infrared Technique for Measurement of Hydrogen Bonding Parameter of Solvents—A. A. Orr, Aug., p. 45.

Influence of Chemical Structure and Application Techniques on Film Products—N. J. H. Gulpen and A. J. van de Werff, Sept., p. 81.

Inorganic Zinc Coatings on Ocean Underwater Surfaces—D. H. Gelfer, Jan., p. 43.

Instrumental Method for Determining Degree of Aluminum Flake Orientation in Acrylic Coatings—J. J. Wojtkowiak, Oct., p. 79.

Interaction of Triazine-Crosslinked Acrylic Films and Detergent Solutions—D. G. Anderson and E. J. Murphy, Nov., p. 68.

L

Lasers and Their Utilization in the Future of Coatings—R M. Wilson, Oct., p. 43.
Latex Paints: CPVC, Formulation, and Optimization—A. Ramig, Jr., Mar., p. 60.
Lightfastness of Organic Pigments as a Function of Their Particle Size Distribution—O. Hafner, Oct., p. 64.
Light-Stable Polyurethanes From Adipodinitrile Carbonate—J. A. Dieter, K. C. Frisch, and L. G. Wolgemuth, Apr., p. 65.
Linseed Oil — Metal Acetylacetonate Systems: I. Viscosity Changes and Autoxidation—N. Indictor, A. W. Salotto, and N. S. Baer, Feb., p. 36.
Linseed Oil — Metal Acetylacetonate Systems. II. Fungicidal Studies on Canvas Supports—J. H. Stoner, N. S. Baer, and N. Indictor, Dec., p. 39.
Liquid Scintillation Counting Techniques as Applied to Study of Glycol Loss From Latex Paint Films—D. G. Anderson, Mar., p. 47.

M

Marine Paints Testing Station in Alexandria Harbor—M. M. Abd El-Malek and N. A. Ghanem, Sept., p. 75.
Mildew Induced Defacement of Organic (MIDOS) Surfaces—R. R. Myers, Sept., p. 61.

N

New Castor Oil Based Surface Coating—N. A. Ghanem, A. B. Moustafa, and B M. Badran, Feb., p. 25.

O

Observations on the Corrosion of Latex Paint Steel in Electrolytic Environments—C. H. Hare, Jun., p. 69.
Organic Yellow Pigments as Replacement for Chrome Yellows—Louisville Society for Coatings Technology, Jul., p. 75.

P

Performance of Organometallic Polymers as Anti-Fouling Materials—J. A. Montemarano and E. J. Dyckman, Jan., p. 59.
Permeability and Corrosion Resistance of Latex Coatings on Steel—New England Society for Coatings Technology, Jul., p. 80.
Photochemistry of Pigments—Studies on UV Curing and Energy Transfer—S. P. Pappas and W. H. Kuhhirt, Nov., p. 42.
Pigmented Microvoid Coatings — Theoretical Study of Three Models—M. Kerker, D. D. Cooke, and W. D. Ross, Apr., p. 33.
Potential Applications of X-Ray Analytical Method in Paint Analysis—T. J. Kneip, May, p. 71.
Preface for the Paint/Coatings Dictionary—S. LeSota, Dec., p. 68.

R

Release of Individual Solvents and Binary Solvent Blends From Thermoplastic Coatings—D. J. Newman, C. J. Nunn, and J. K. Oliver, Oct., p. 70.
Report of PRI Research Director—R R. Myers, May, P. 25.
Resurvey of Methods of Evaluating Cathodic Disbonding Resistance of Organic Coatings—Houston Society for Coatings Technology, May, p. 57.
Review of Common Methods of Particle Size Measurement—E. A. Collins, J. A. Davidson, and C. A. Daniels, May, p. 35.
Role of Technology Licensing in Research and Development—P. Heiberger, Mar., p. 68.

T

Technical Impact of Government Regulations—R. A. Brown, Jan., p. 69.
Test Device for Evaluation of Permeation of Moisture Through Protective Coatings—J. Rybicky and J. P. Marton, Jun., p. 57.

U

Underwater Marine Applications of Coatings and Adhesives—R. W. Drisko, Jan., p. 40.
Use of Ketones in Formulating Solvent Blends—M. F. Dante, Jun., p. 48.

V

Vinyl Acrylic Latex System for Producing High-Gloss Paints—J. N. Coker and J. A. Robertson, May, p. 77.

W

Water and Solvent Evaporation From Latex and Latex Paint Films—D. A. Sullivan, Nov., p. 60.
Water-Soluble Polyester Coatings Based on Triolamide 207, a New Development Triol—K. H. Albers, A. A. W. McCollum, and A. E. Blood, Sept, p. 71.
Wetting of Composite Surfaces—M. Manes and C. J. Zahradnik, Jul., p. 43.

Constituent Society Papers

Houston—Resurvey of Methods of Evaluating Cathodic Disbonding Resistance of Organic Coatings, May, p. 57.
Kansas City—Further Studies of Nonmercurial Film Preservatives in Can Stability, Jan., p. 66.
Louisville—Organic Yellow Pigments As Replacements for Chrome Yellows, Jul., p. 75.
New England—Permeability and Corrosion Resistance of Latex Coatings on Steel, Jul., p. 80.
Philadelphia—Evaluation of a Method to Determine Microbiological Activity, Apr., p. 50.
Southern—Cold Storage of Drying Standards, Aug., p. 56.

Author Index

A

Abd El-Malek, M. M. and Ghanem, N. A.—Marine Paints Testing Station in Alexandria Harbor, Sept., p. 75.

Albers, K. H., McCollum, A. W. and Blood, A. E.—Water-Soluble Polyester Coatings Based on Triolamide 207, A New Developmental Triol, Sept., p. 71.

Alstadt, D. M.—Human Knowledge, The Legalistic Mentality and National Survival, Nov., p. 31.

Anderson, D. G., Murphy, E. J., and Schmehr, W. R.—Determination of the Relationship Between Cure Schedule and Detergent Resistance in Anionic Electrocoat Films, Jul., p. 57.

Anderson, D. G. and Murphy, E. J.—Interaction of Triazine-Crosslinked Acrylic Films and Detergent Solutions, Nov., p. 68.

Anderson, D. G.—Liquid Scintillation Counting Techniques as Applied to Study of Glycol Loss from Latex Paint Films, Mar., p. 47.

Anderson, D. G. and Duffer J.—Determination of Benzene in Coatings Materials at the Parts-Per-Million Level, Jun., p. 61.

B

Badran, B. M.—See Ghanem, N. A.

Baer, N. S.—See Indictor, N.

Baer, N. S.—See Stoner, J. H.

Bhansali, K. J.—See Hepworth, M. T.

Blood, A. E.—See Albers, K. H.

Bowerman, D. F.—See Herbert, P. A.

Brown, R. A.—The Technical Impact of Government Regulations, Jan., p. 69.

Brown, W. B.—Current Interruption Method of Electrodepositing Paints, Jun., p. 43.

Brown, W. B. and White, E. L.—Gel Permeation Chromatography Techniques for Electrodeposition Paint Analysis, Sept., p. 65.

C

Christensen, G.—See O'Neill, L. A.

Cinkler, J.—See Hepworth, M. T.

Coker, J. N. and Robertson, J. A.—Vinyl Acrylic Latex System for Producing High-Gloss Paints, May, p. 77.

Collins, E. A., Davidson, J. A., and Daniels, C. A.—Review of Common Methods of Particle Size Measurement, May, p. 35.

Colvin, A. D.—See Golovoy, A.

Cooke, D. D.—See Kerker, M.

D

Dante, M. F.—Analysis of Solvent Blends Using Modified Liquid Chromatographic Separations and Subsequent Gas-Liquid Chromatography, Jul., p. 49.

Dante, M. F.—Use of Ketones in Formulating Solvent Blends, Jun., p. 48.

Daniels, C. A.—See Collins, E. A.

Davidson, J. A.—See Collins, E. A.

Dieter, J. A., Frisch, K. C., and Wolgenmuth, L. G.—Light-Stable Polyurethanes From Adipodinitrile Carbonate, Apr., p. 65.

Drisko, R W.—Underwater Marine Applications of Coatings and Adhesives, Jan., p. 40.

Duffer, J.—See Anderson, D.

Dyckman, E. J.—See Montemarano, J. A.

E

Eissler, R. L.—Blister Resistance of Linseed Oil Paints From Treated Pigments, Aug., p. 50.

Eissler, R. L.—See Stolp, J. A.

El-Aasser, M. S. and Robertson, A. A.—Film Formation of Latexes, Dec., p. 50.

F

Ford, K. S.—See Herbert, P. A.

Frisch, K. C.—See Dieter, J. A.

G

Gast, L. E.—See Khoe, T. H.

Gelfer, D. H.—Inorganic Zinc Coatings on Ocean Underwater Surfaces, Jan., p. 43.

Ghanem, N. A.—See Abd El-Malek, M. M.

Ghanem, N. A., Moustafa, A. B., and Badran, B. M.—New Castor Oil Based Surface Coating, Feb., p. 25.

Goff, P. L.—An Effective Information System for Hydrocarbon Solvent Data, Apr., p. 54.

Golovoy, A. and Colvin, A. D.—Charge-Decay from Electrostatically Charged Powders, May, p. 65.

Gover, G. J.—See van Londen, A. M.

Gulpen, N. J. H. and van de Werff, A. J.—Influence of Chemical Structure and Application Techniques on Film Products, Sept., p. 81.

H

Hafner, O.—Lightfastness of Organic Pigments as a Function of Their Particle Size Distribution, Oct., p. 64.

Hahn, F. J. and Steinhauer, S.—Cratering and Sagging in High Gloss Aqueous Industrial Finishes, Jul. p. 54.

Hare, C. H.—Observations on the Corrosion of Latex Paint Steel in Electrolytic Environments, Jun. p. 69.

Haynie, F.—See Spence, J. W.

Heiberger, P.—Role of Technology Licensing in Research and Development, Mar., p. 68.

Hepworth, M. T., Bhansali, K. J., and Cinkler, J.—Electrochemical Profiles on Bare Metals and Coated Steel Specimens, Jun, p., 37.

Herbert, P. A., Bowerman, D. F., and Ford, K. S.—Chlorinated Rubber Marine Coatings: Performance Tests, Including Anti-Fouling and Blends of CR With Tar, Jan., p. 48.

HILL, H. E.—Application of the Weibull Distribution Function in the Coatings Industry — II. Plotting the Weibull Distribution, Jul., p. 63.
HOUSTON SOCIETY FOR COATINGS TECHNOLOGY—Resurvey of Methods of Evaluating Cathodic Disbonding Resistance, May, p. 57.

I

INDICTOR, N., SALOTTO, A. W., and BAER, N. S.—Linseed Oil-Metal Acetylacetonate Systems: I. Viscosity Changes and Autoxidation, Feb., p. 36.
INDICTOR, N.—See Stoner, J. H.

J

JOHNSEN, S.—See van Londen, A.M.

K

KANSAS CITY SOCIETY FOR COATINGS TECHNOLOGY—Further Studies of Nonmercurial Film Preservatives in Can Stability, Jun., p. 66.
KERKER, M., COOKE, D. D. and ROSS, W. D.—Pigmented Microvoid Coatings—Theoretical Study of Three Models, Apr., p. 33.
KHOE, T. H. and GAST, L. E.—Coatings from Partially Epoxidized Linseed Oil Hydroxybutadiene and Styrene-Maleic Anhydride Resins, Feb., p. 41.
KNEIP, T. J.—Potential Applications of X-Ray Analytical Method in Paint Analysis, May, p. 71.
KUHHIRT, W.—See Pappas, S. P.
KUHHIRT, W.—See Wicks, Z. W., Jr.

L

LESOTA, S.—Preface for the Paint/Coatings Dictionary, Dec., p. 68.
LEWIS, S. N.—See Mercurio, A.
LOUISVILLE SOCIETY FOR COATINGS TECHNOLOGY—Organic Yellow Pigments as Replacements for Chrome Yellows, Jul., p. 75.

M

MANES, M. and ZAHRADNIK, C. J.—Wetting of Composite Surfaces, Jul., p. 43.
MARTON, J. P.—See Rybicky, J.
MCCOLLUM, A. W.—See Albers, K. H.
MERCURIO, A. and LEWIS, S. N.—High Solids Coatings for Low Emission Industrial Finishing, Aug., p. 37.
MOLLOY, R.—See Tahan, M.
MONTEMARANO, J. A. and DYCKMAN, E. J.—Performance of Organometallic Polymers as Anti-Fouling Materials, Jan., p. 59.
MOUSTAFA, A. B.—See Ghanem, N. A.
MURPHY, E. J.—See Anderson, D. G.
MYERS, J. L.—Handling Asbestos — Chrysotile Asbestos in Plastics, Dec., p. 63.
MYERS, R. R.—Mildew Induced Defacement of Organic Surfaces, Sept., p. 61.
MYERS, R. R.—Report of PRI Research Director, May, p. 25.

N

NEW ENGLAND SOCIETY FOR COATINGS TECHNOLOGY—Permeability and Corrosion Resistance of Latex Coatings on Steel, Jul., p. 80.
NEWMAN, D. J., NUNN, C. J., and OLIVER, J. K.—Release of Individual Solvents and Binary Solvent Blends From Thermoplastic Coatings, Oct., p. 70.
NIELSEN, P. L. and WICKS, Z. W., JR.—Effect of Internal UV Absorbers on Photodegradation of Urethane Coatings, Feb., p. 30.
NUNN, C. J.—See Newman, D. J.

O

OLIVER, J. K.—See Newman, D. J.
O'NEILL, L. A. and CHRISTENSEN, G.—Analysis of Thermosetting Acrylic Resins: Cooperative Study, Feb., p. 46.
ORR, A. A.—Improved Infrared Technique For Measurement of Hydrogen Bonding Parameter of Solvents, Aug., p. 45.

P

PAPPAS, S. P. and KUHHIRT, W.—Photochemistry of Pigments — Studies on UV Curing and Energy Transfer, Nov., p. 42.
PHILADELPHIA SOCIETY FOR COATINGS TECHNOLOGY—Evaluation of Method to Determine Microbiological Activity, Apr., p. 50.
PRINCEN, L. H.—See Stolp, J. A.

R

RAMIG, A., JR.—Latex Paints: CPVC, Formulation, and Optimization, Mar., p. 60.
ROBERTSON, J. A.—See Coker, J. N.
ROBERTSON, A. A.—See El-Aasser, M. S.
ROSS, W. D.—See Kerker, M.
RYBICKY, J. and MARTON, J. P.—Test Device for Evaluation of Permeation of Moisture Through Protective Coatings, Jun., p. 57.

S

SALOTTO, A. W.—See Indictor, N.
SCHMEHR, W. R.—See Anderson, D. G.
SCOTT, R. W.—See Vandeberg, J. T.
SHELDON, A. W.—Effects of Organotin Anti-Fouling Coatings on Man and His Environment, Jan, p. 54.
SLYSH, R.—Flame Retardant Coatings for Plastics, Aug., p. 31.
SORENSEN, P.—Application of Acid/Base Concept Describing Interaction Between Pigments, Binders, and Solvents, Mar., p. 31.
SOUTHERN SOCIETY FOR COATINGS TECHNOLOGY—Cold Storage of Drying Standards, Aug., p. 56.
SPENCE, J. W., HAYNIE, F., and UPHAM, J. B.—Effects of Gaseous Pollutants on Paints: A Chamber Study, Oct., p. 57.
STEINHAUER, S.—See Hahn, F. J.

Stieg, F. B.—Dew-Cycle Weather-Ometer Reevaluated — A Literature Review, Dec., p. 54.
Stieg, F. B.—High-Speed Dispersion Problems and Titanium Pigment, Apr., p. 43.
Stolp, J. A., Eissler, R. L. and Princen, L. H.—Cold Table for Film Preparation, Apr., p. 71.
Stoner, J. H., Baer, N. S., and Indictor, N.—Linseed Oil — Metal Acetylacetonate Systems. II. Fungicidal Studies on Canvas Supports, Dec., p. 39.
Sullivan, D. A.—Water and Solvent Evaporation From Latex and Latex Paint Films, Nov., p. 60.
Swafford, H. D.—See Vandeberg, J. T.

T

Tahan, M., Molloy, R., and Tighe, B. J.—Comparison of Reflectance and Related Methods for Studies of Film Surface Deterioration. IV. Artificial Weathering, Mar., p. 52.
Tighe, B. J.—See Tahan, M.
Turpin, E. T.—Hydrolysis of Water Dispersible Resins, Mar., p. 40.

U

Upham, J. B.—See Spence, J. W.

V

Vandeberg, J. T., Swafford H. D., and Scott, R. W.—Determination of Low Concentrations of Lead in Paint by Atomic Absorption Spectroscopy, May, p. 84.
van de Werff, A. J.—See Gulpen, N. J. H.
van Londen, A. M., Johnson, S., and Govers, G. J.—The Case of Long-Life Anti-Foulings, Jan., p. 62.

W

White, E. L.—See Brown, W. B.
Wicks, Z. W., Jr.—See Nielsen, P. L.
Wicks, Z. W. Jr. and Kuhhirt, W.—Calculation of Absorption of UV Radiation by Photosensitizers in Pigmented UV-Curing Coatings, Nov., p. 49.
Wilson, R. M.—Lasers and Their Utilization In the Future of Coatings, Oct., p. 43.
Wojtkowiak, J. J.—Instrumental Method for Determining Degree of Aluminum Flake Orientation in Acrylic Coatings, Oct., p. 79.
Wolgemuth, L. G.—See Dieter, J. A.

Z

Zahradnik, C. J.—See Manes, M.

Proceedings
Of the Paint Research Institute

No. 113—Pigmented Microvoid Coatings — Theoretical Study of Three Models, M. Kerker, D. D. Cooke, and W. D. Ross, Apr., p. 33.
No. 114—Report of PRI Research Director, R. R. Myers, May, p. 25.
No. 115—Electrochemical Profiles on Bare Metal and Coated Steel Specimens, M. T. Hepworth, K. J. Bhansali, and J. Cinkler, Jun., p. 27.
No. 116—Wetting of Composite Surfaces, M. Manes and C. J. Zahradnik, Jul., p. 43.
No. 117 Mildew Induced Defacement of Organic Surfaces (MIDOS), R. R. Myers, Sept., p. 61.

Reprints Available

Reprints of technical articles published in the Journal of Paint Technology are available in quantities of 100 or more. For ordering information write to: Journal of Paint Technology, 1315 Walnut Street, Suite 830, Philadelphia, Pa. 19107.